

Applicant: Guangming Dai et al. (10/825,864 - April 16, 2004)
 Title: Systems and Methods for Correcting High Order Aberrations in Laser Refractive Surgery
 Atty. Docket No. 018158-023010US

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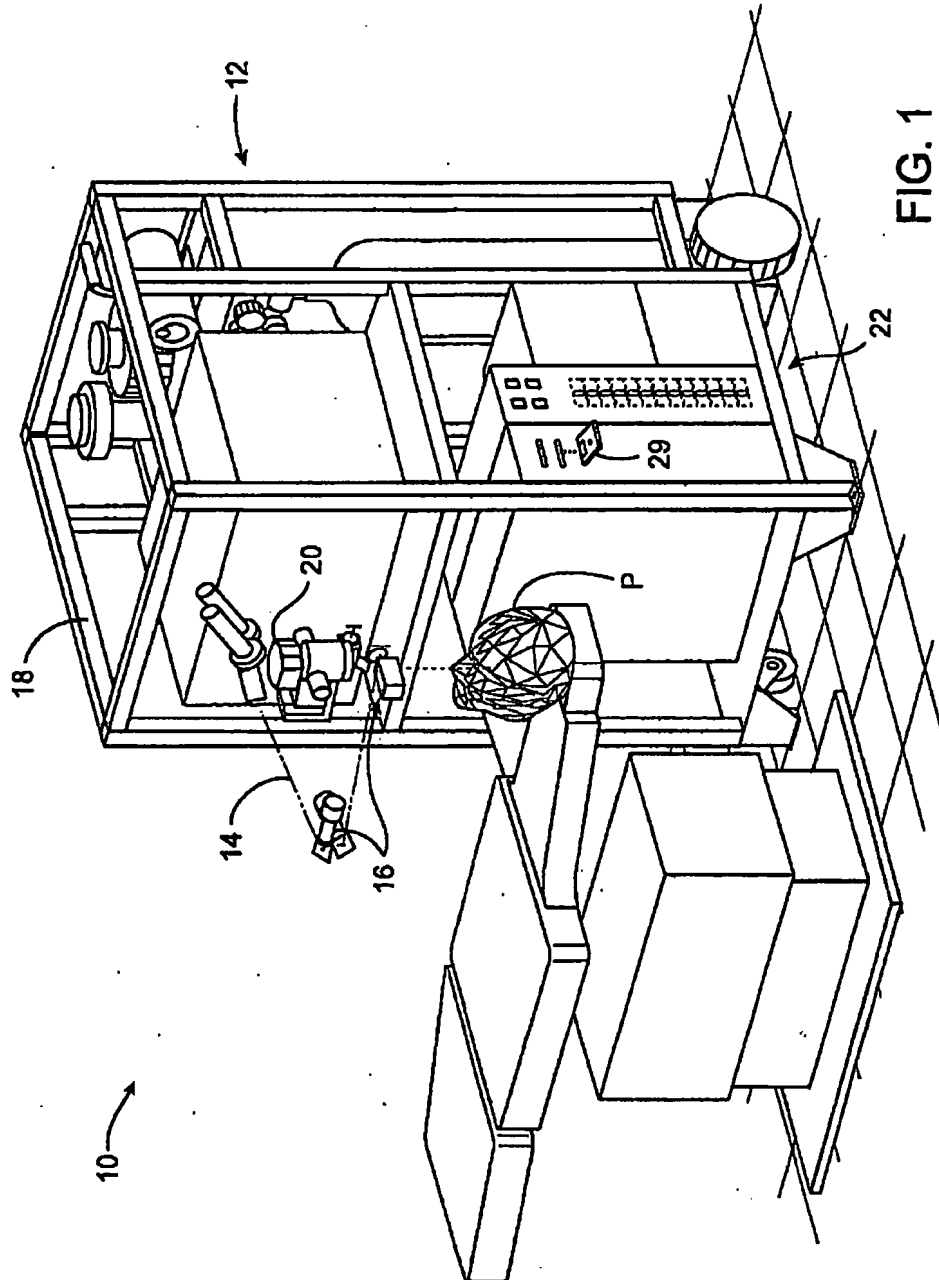


FIG. 1

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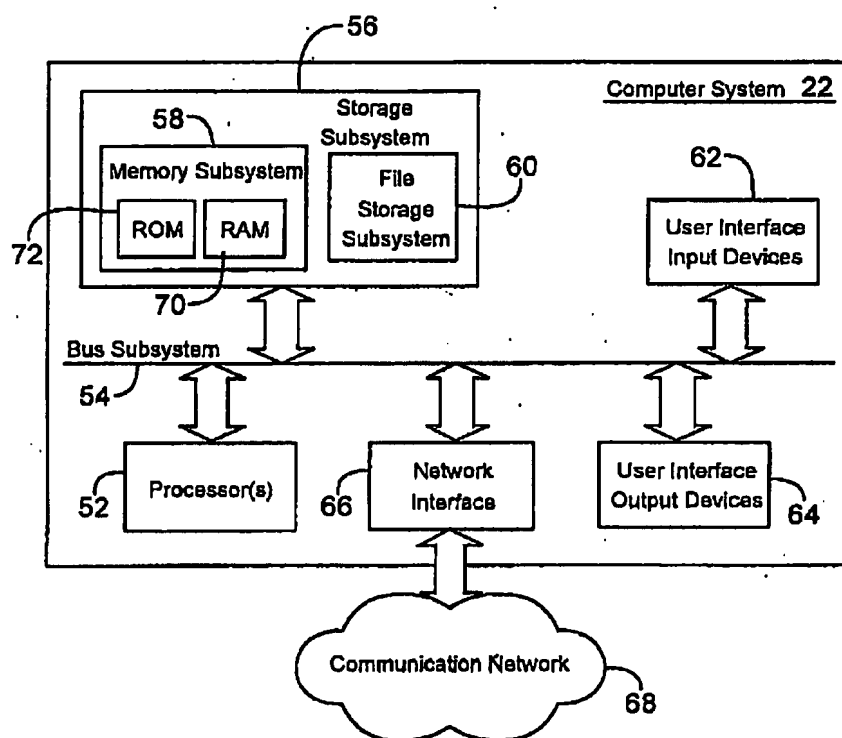


FIG. 2

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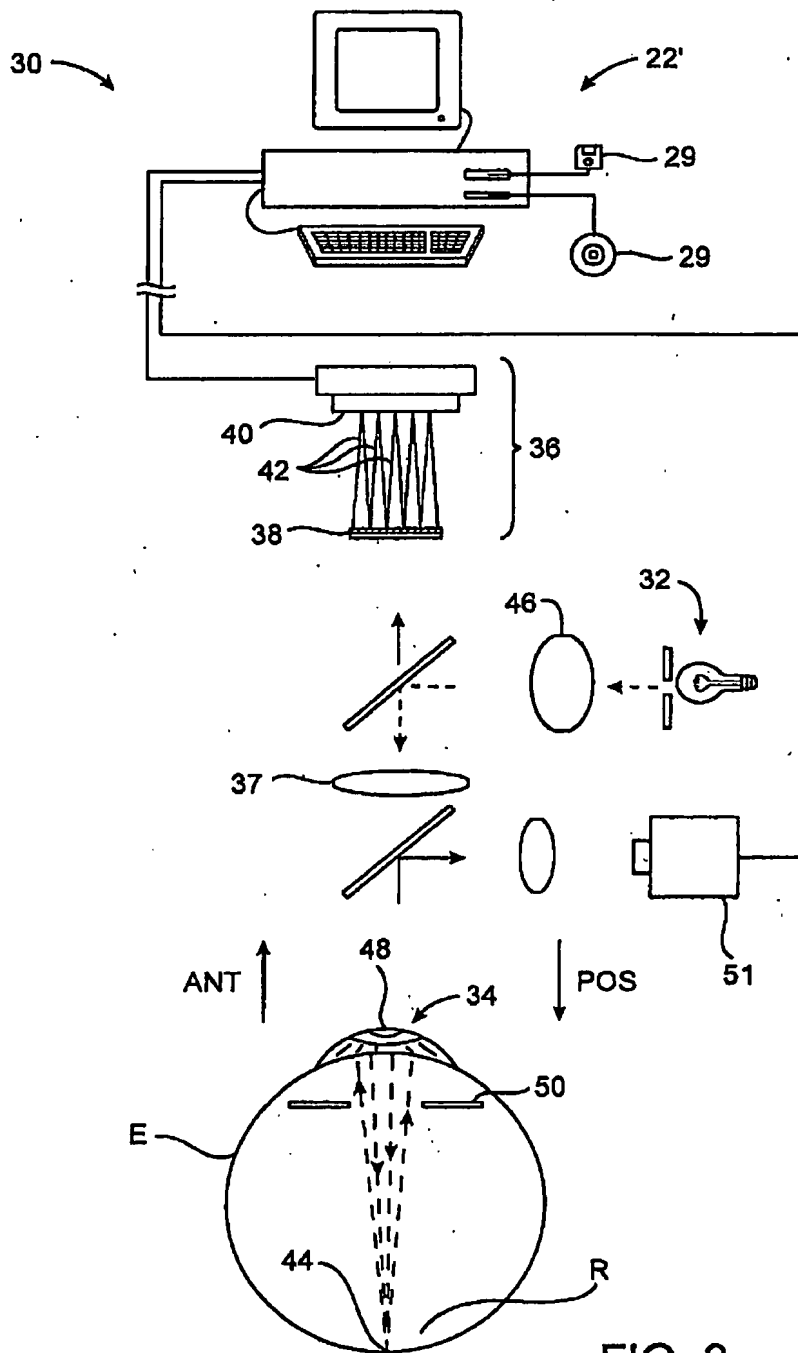


FIG. 3

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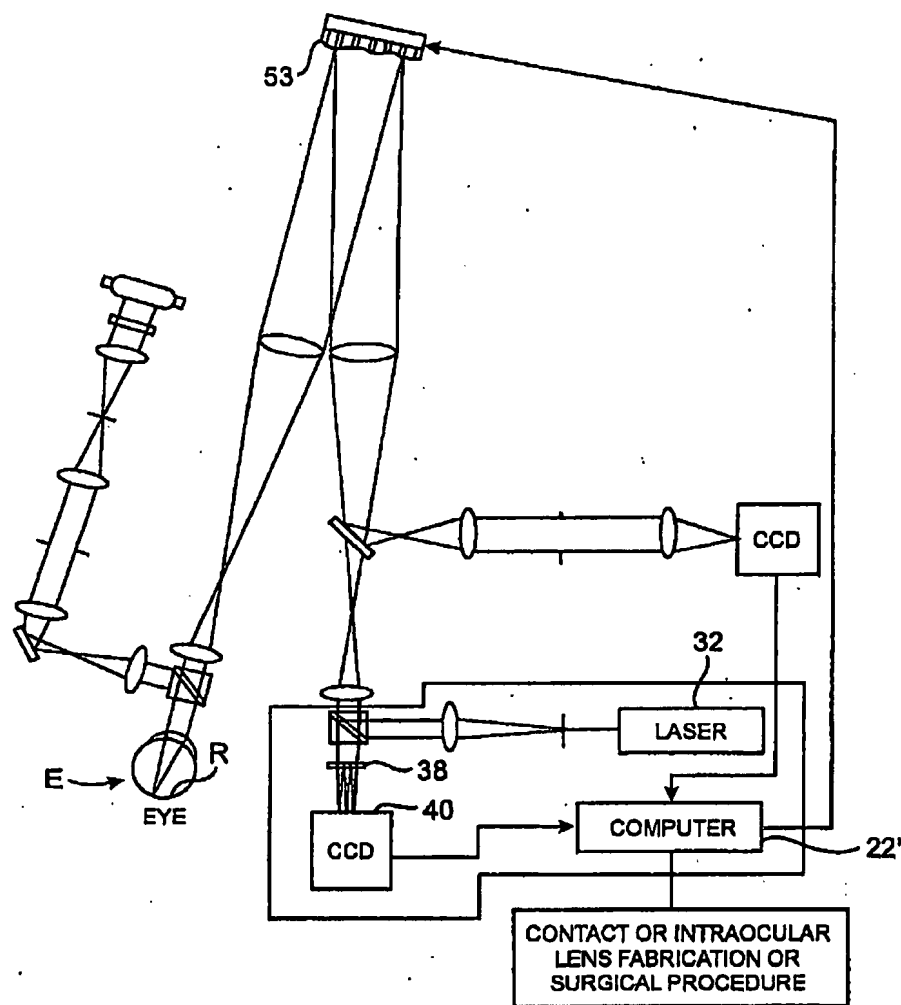


FIG. 3A

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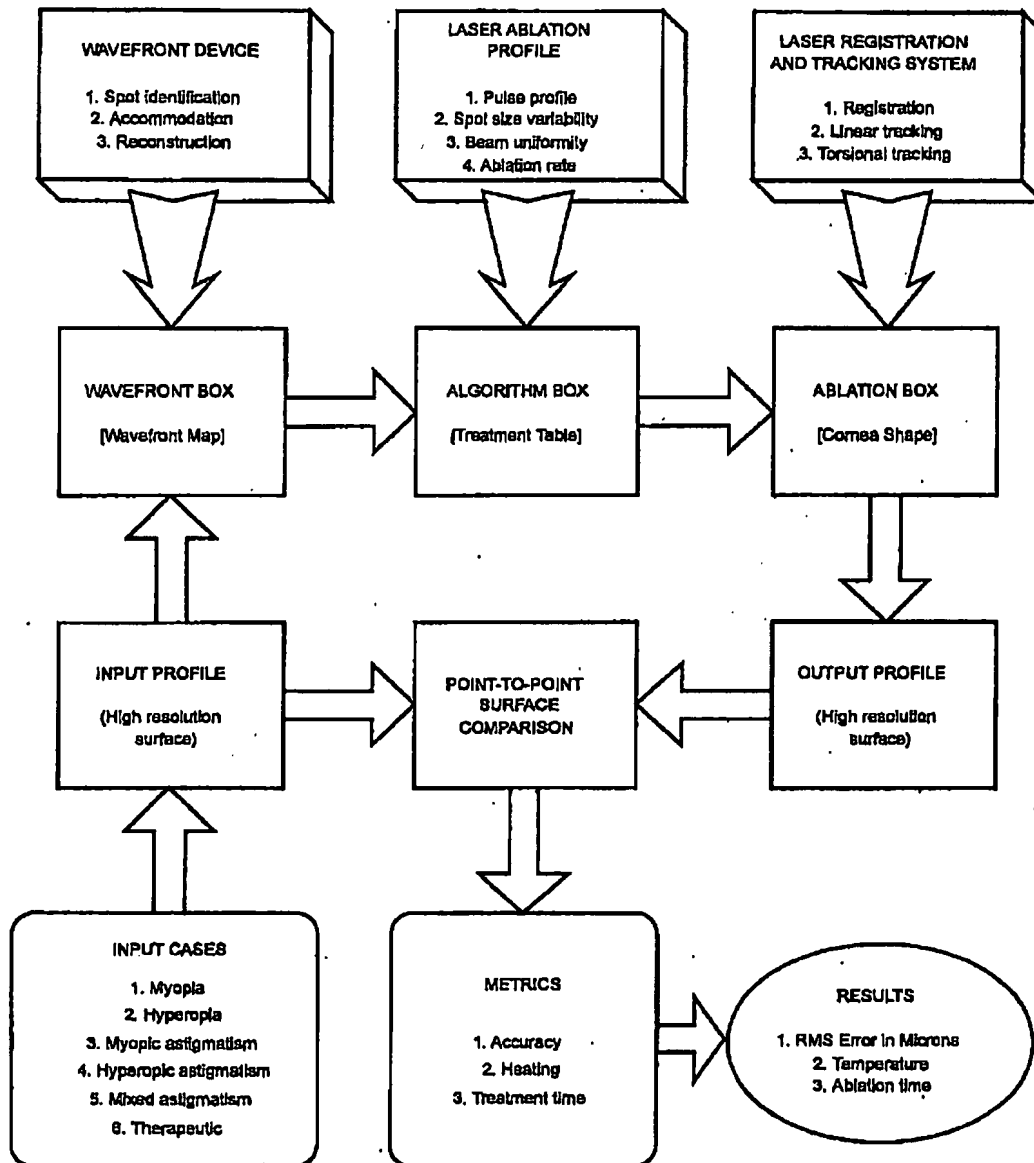


FIG. 4

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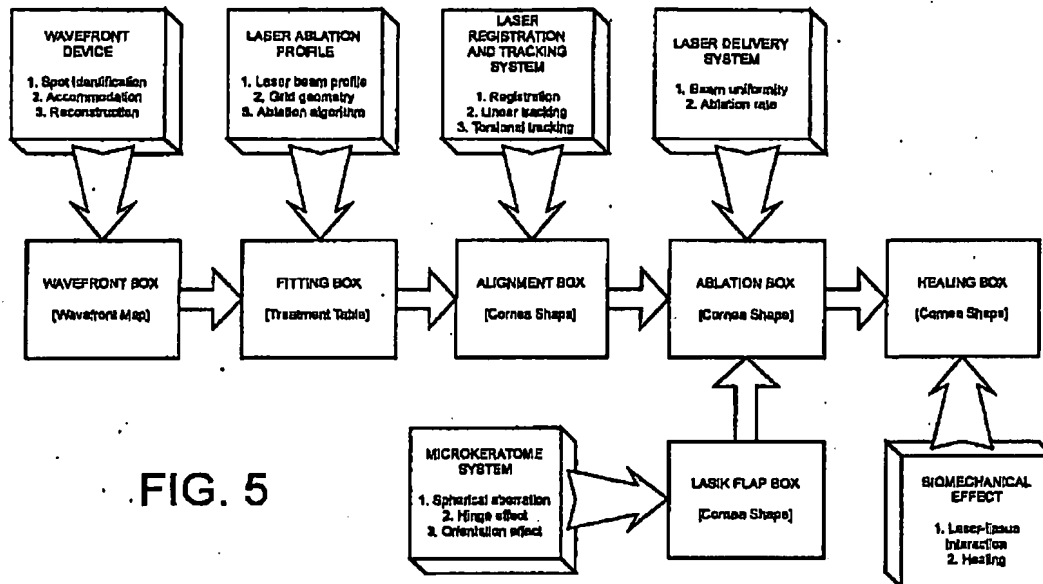


FIG. 5

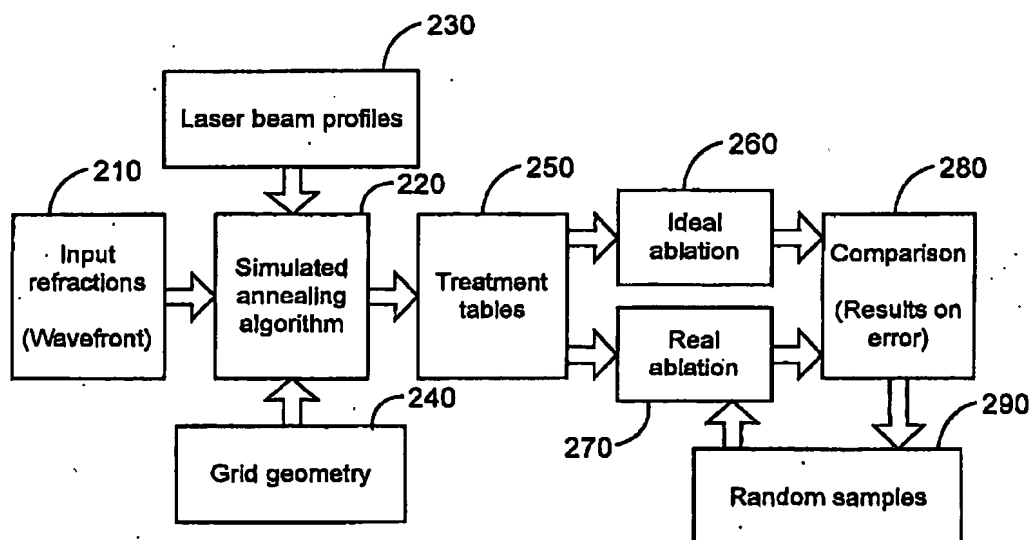


FIG. 6

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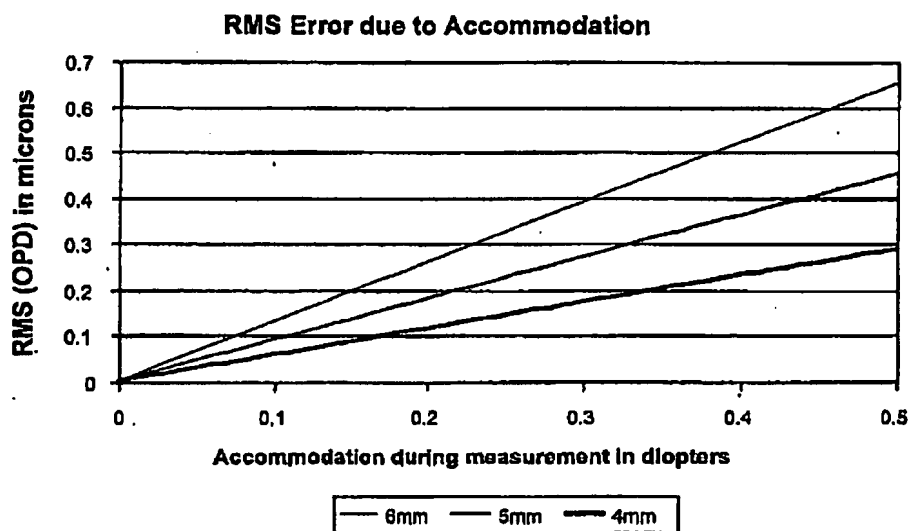


FIG. 7

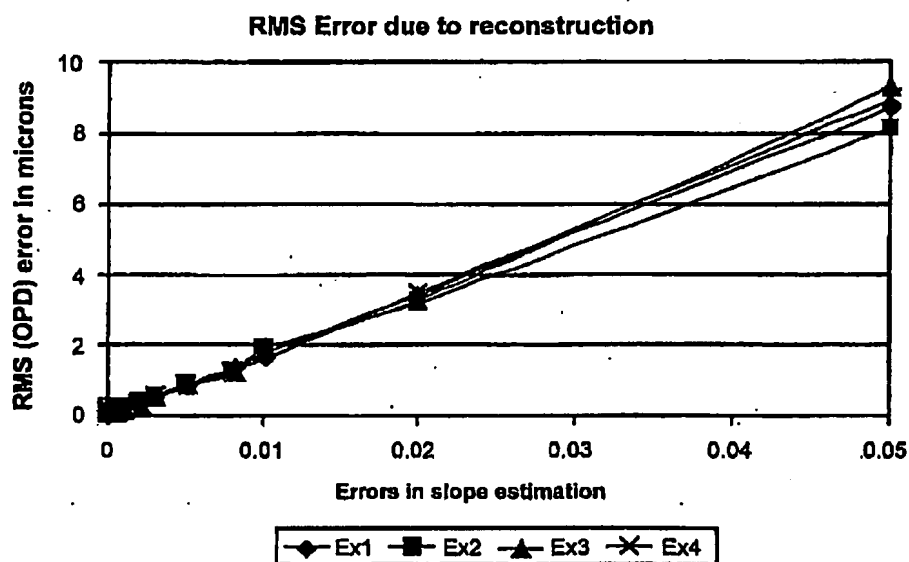


FIG. 8

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High Order Aberrations of A Therapeutic Eye

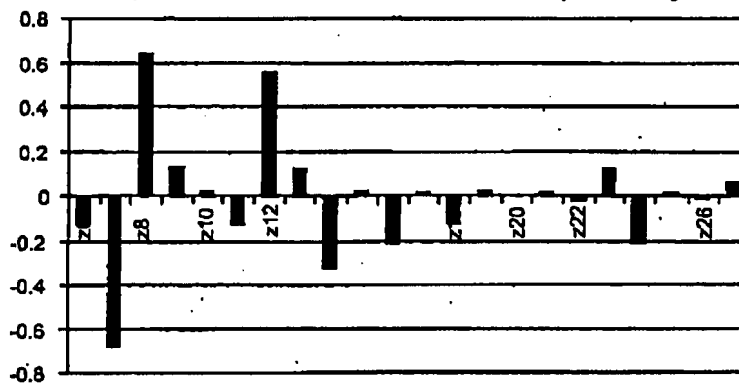


FIG. 8A

Flying Spot Scanning Profile

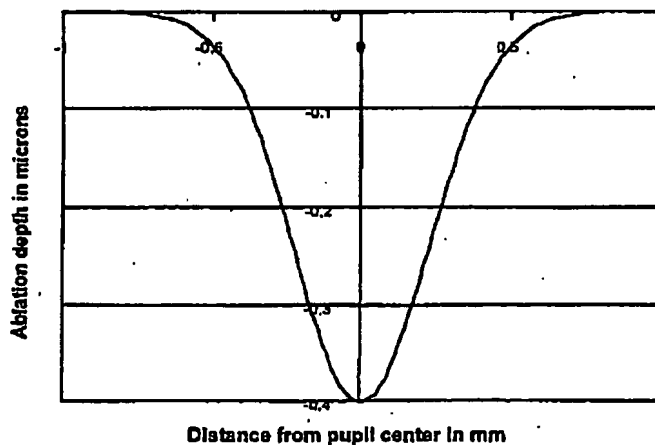


FIG. 9A

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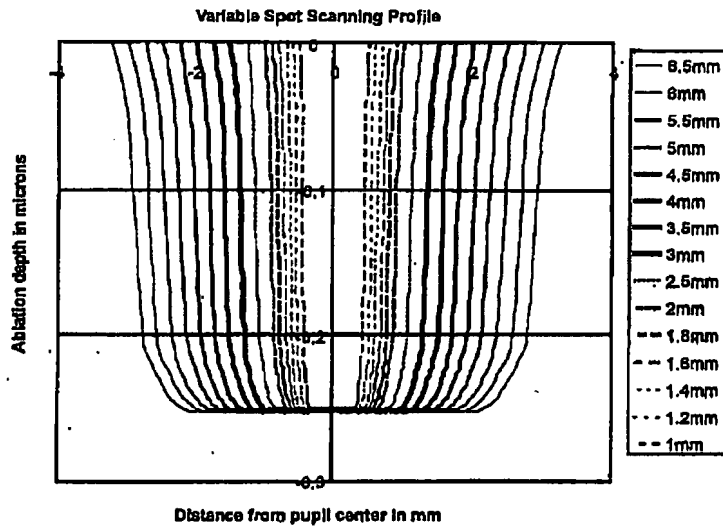


FIG. 9B

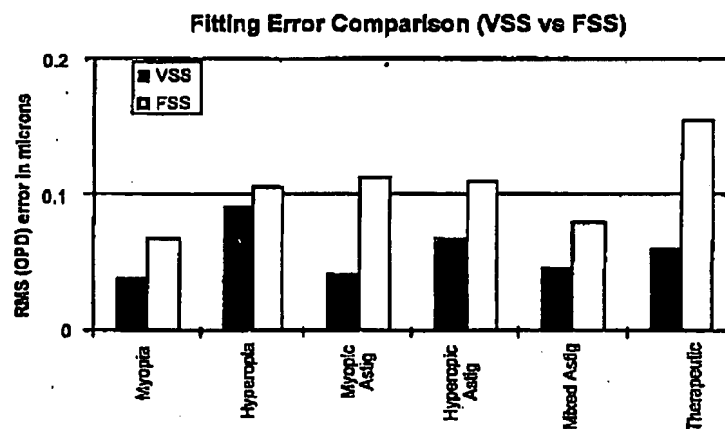


FIG. 9C

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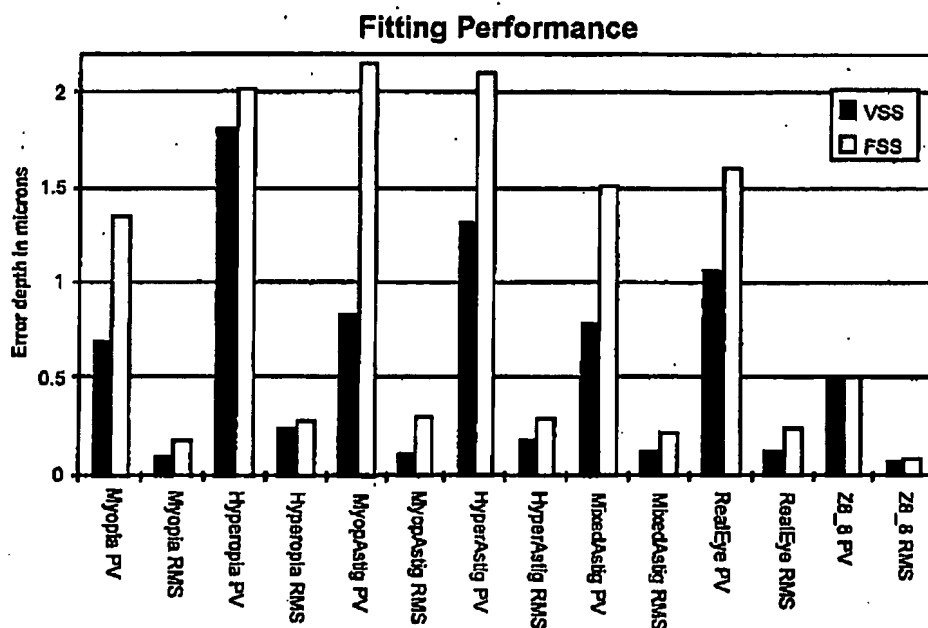


FIG. 10A

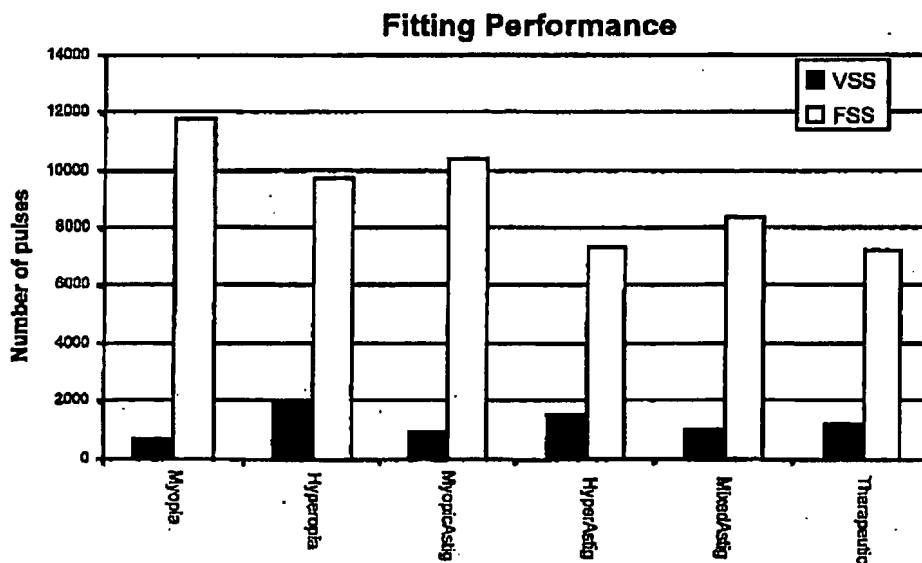


FIG. 11A

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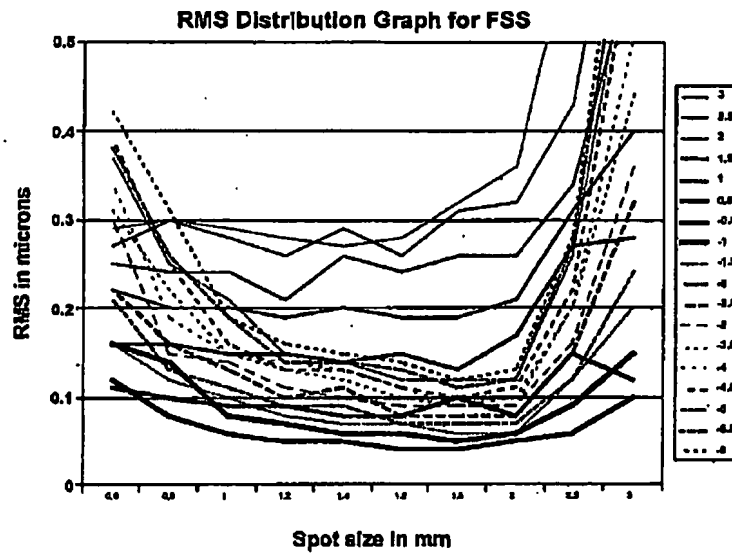


FIG. 12A

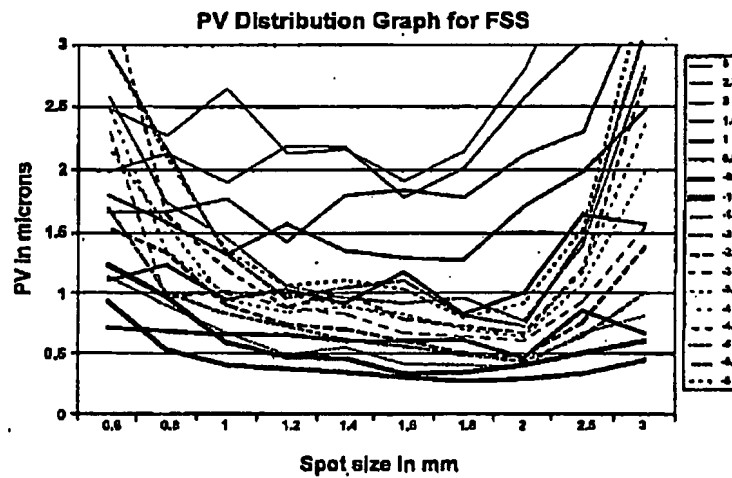


FIG. 12B

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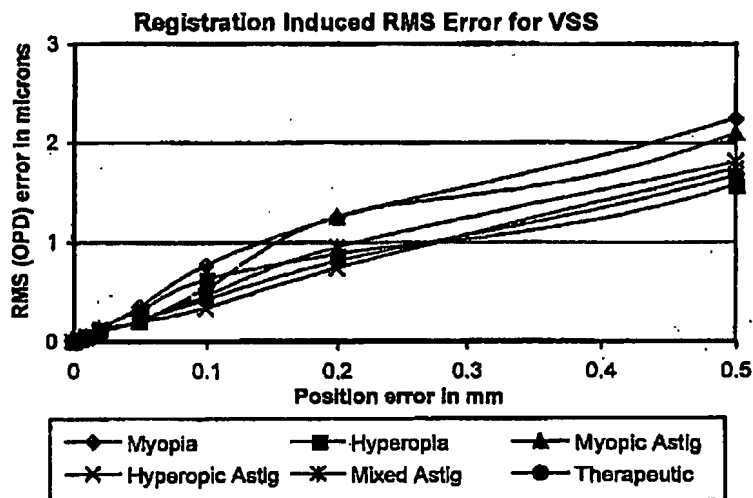


FIG. 13A

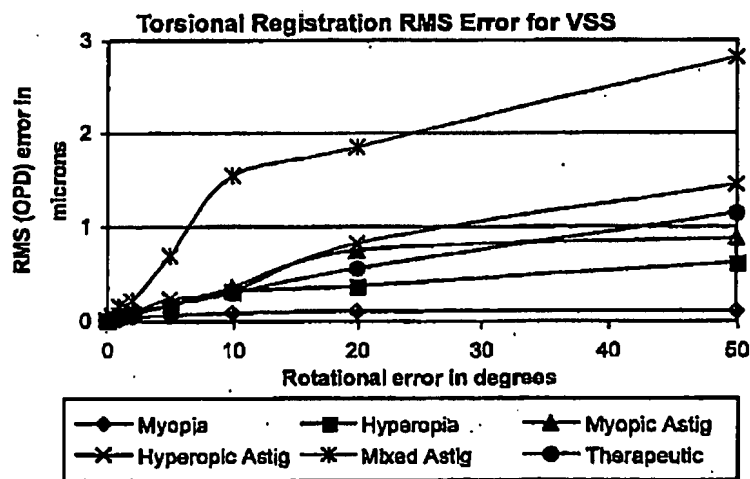


FIG. 13B

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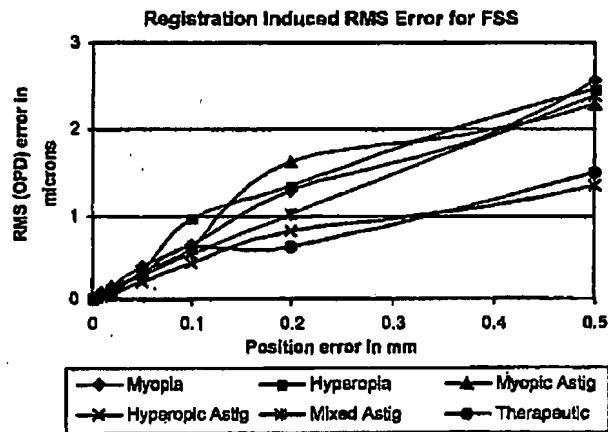


FIG. 13C

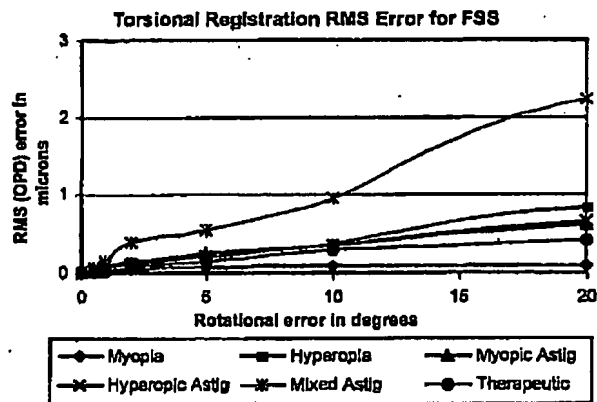


FIG. 13D

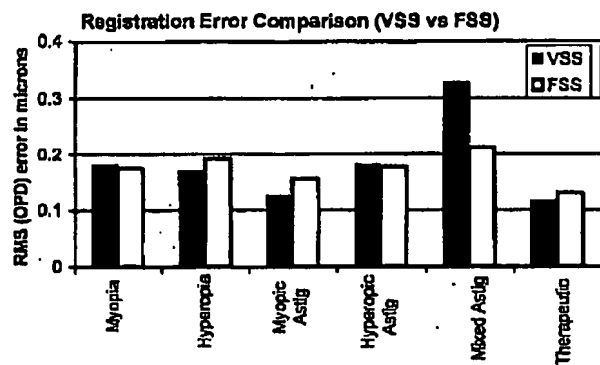


FIG. 13E

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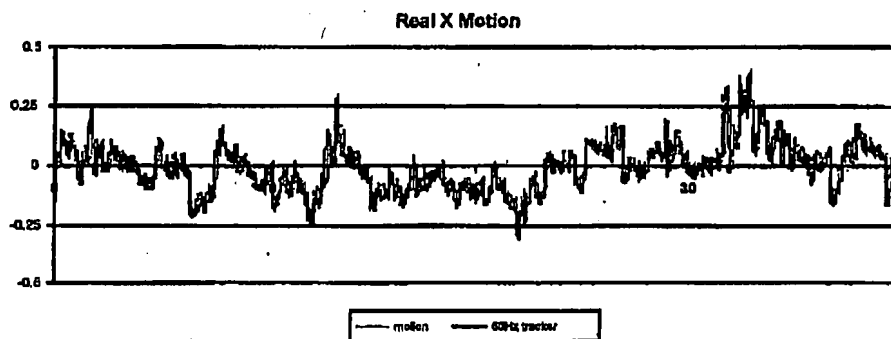


FIG. 14A

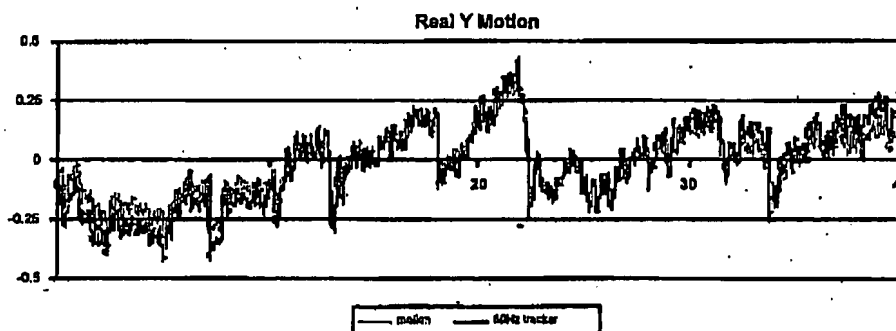


FIG. 14B

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Simulated X Motion

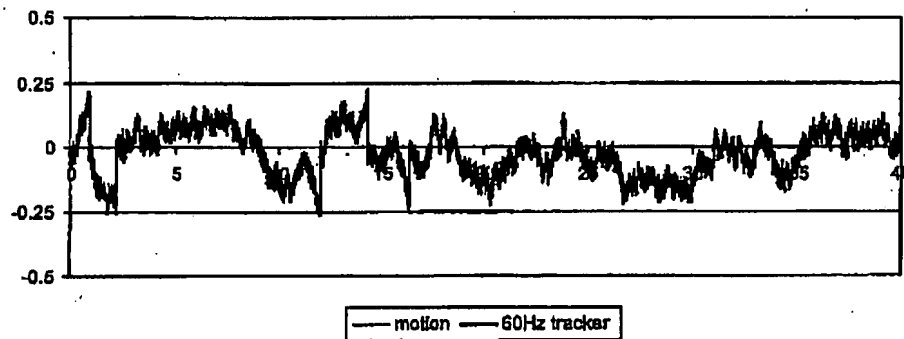


FIG. 14C

Simulated Y Motion

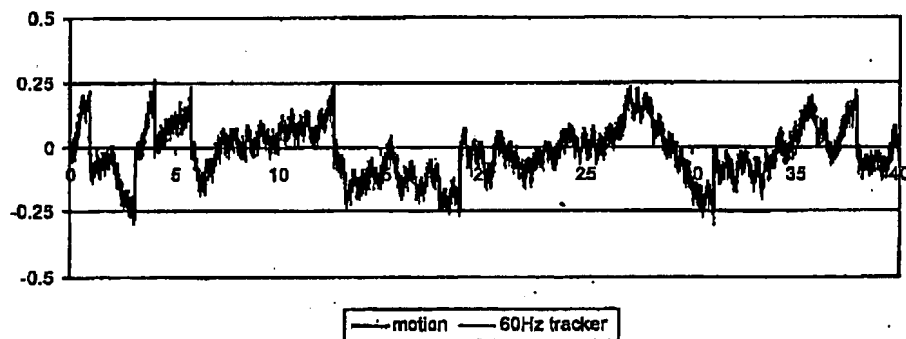


FIG. 14D

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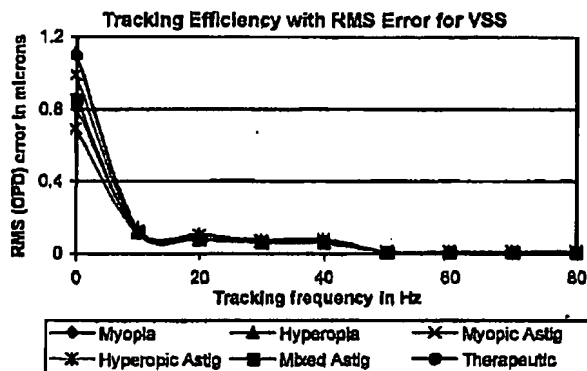


FIG. 15A

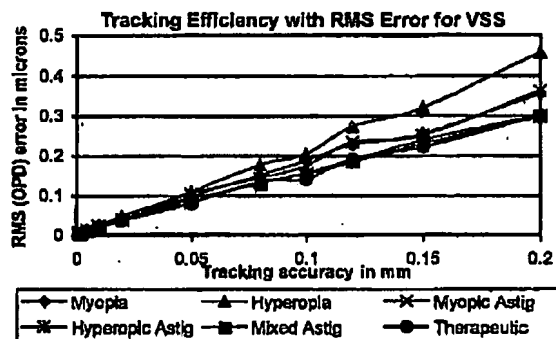


FIG. 15B

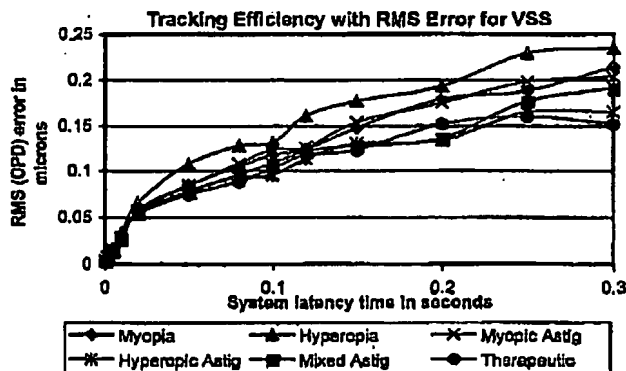


FIG. 15C

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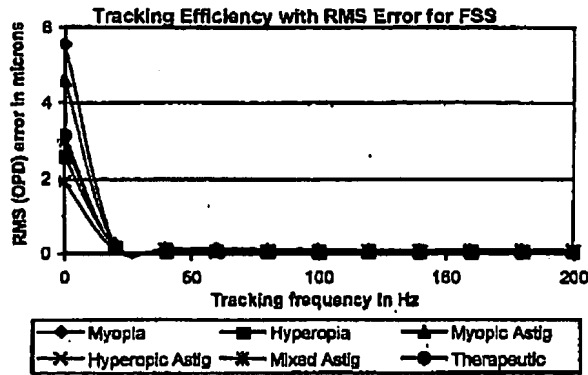
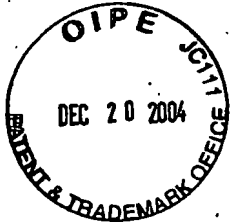


FIG. 15D

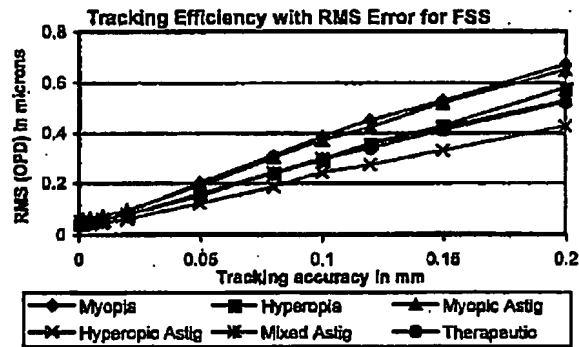


FIG. 15E

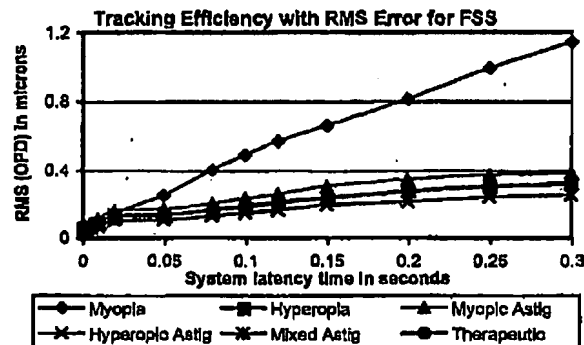


FIG. 15F

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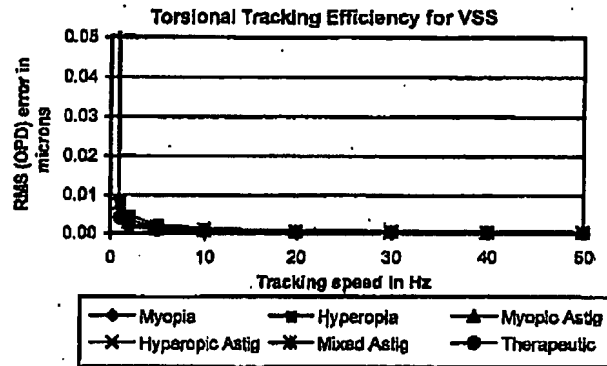


FIG. 16A

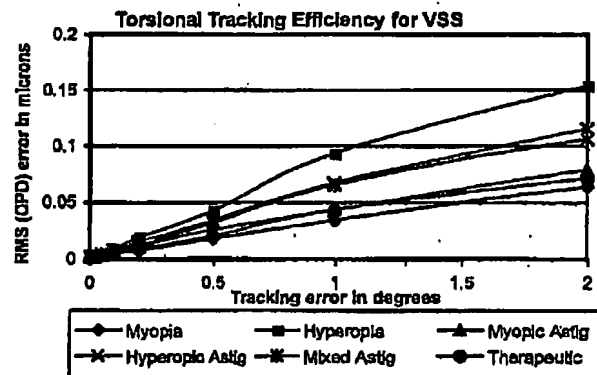


FIG. 16B

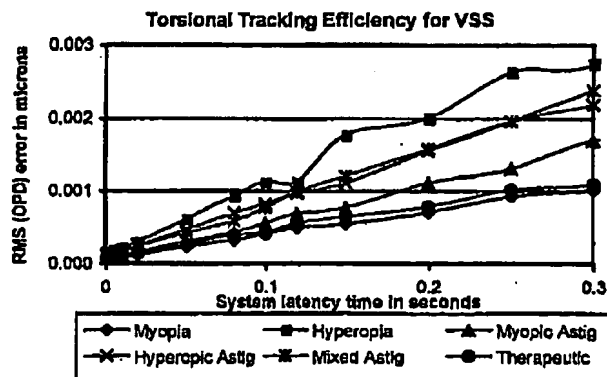


FIG. 16C

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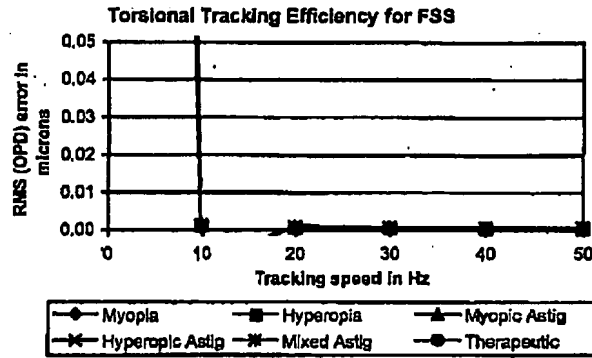


FIG. 16D

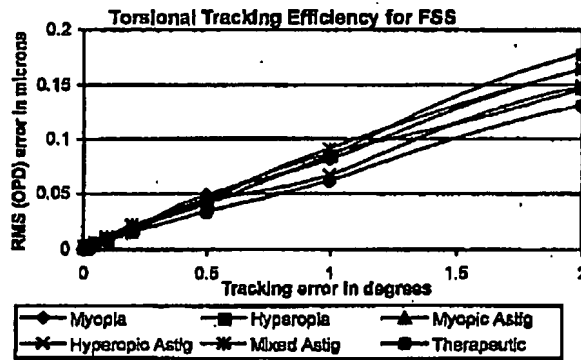


FIG. 16E

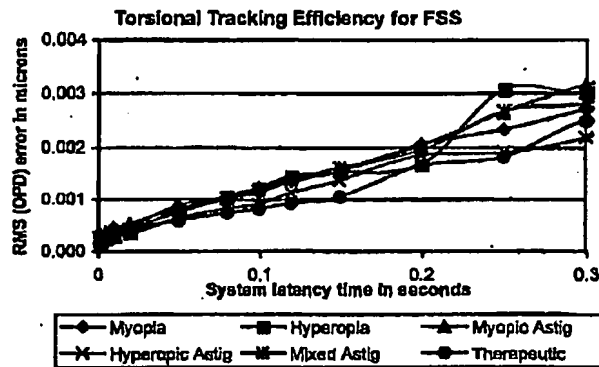


FIG. 16F

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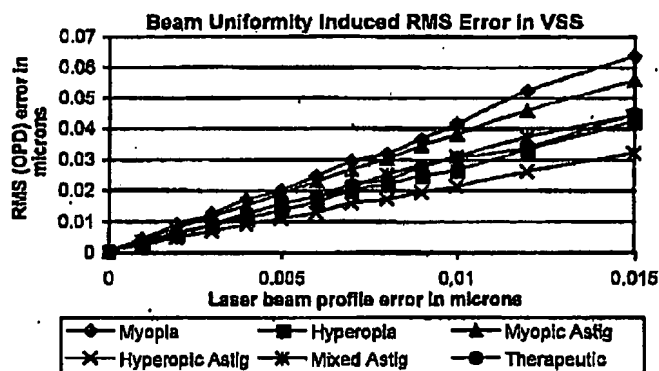


FIG. 18A

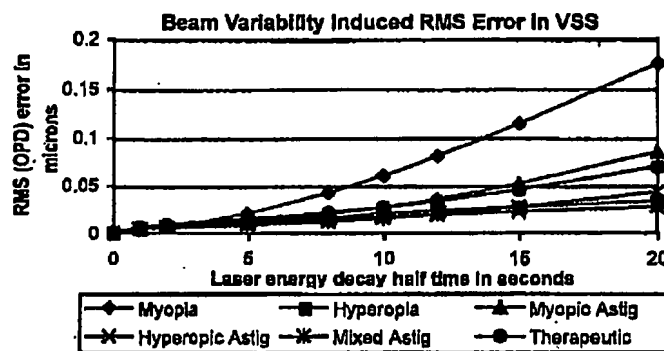


FIG. 18B

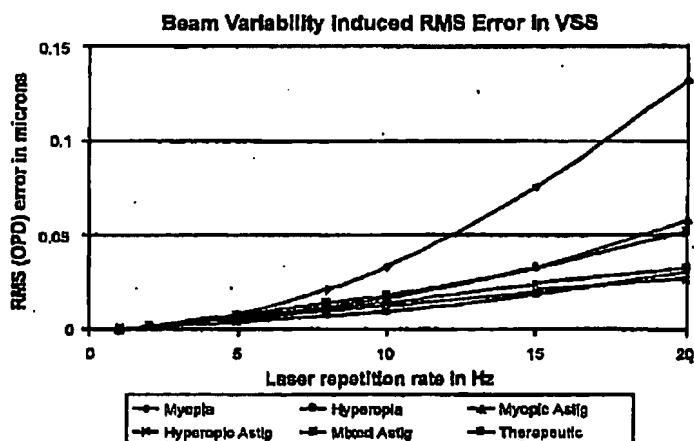


FIG. 18C

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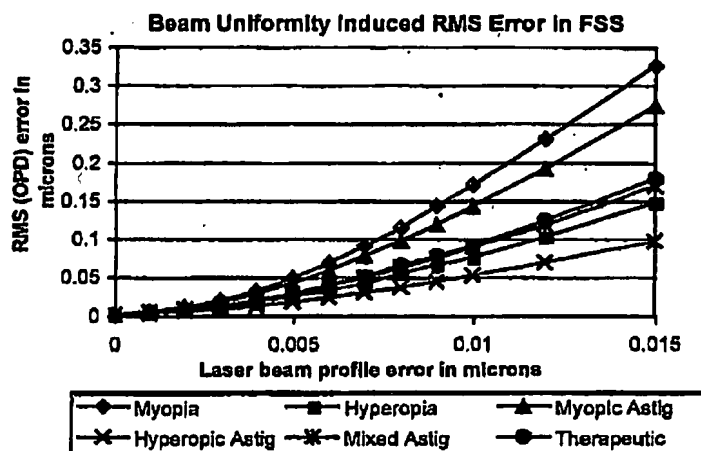


FIG. 18D

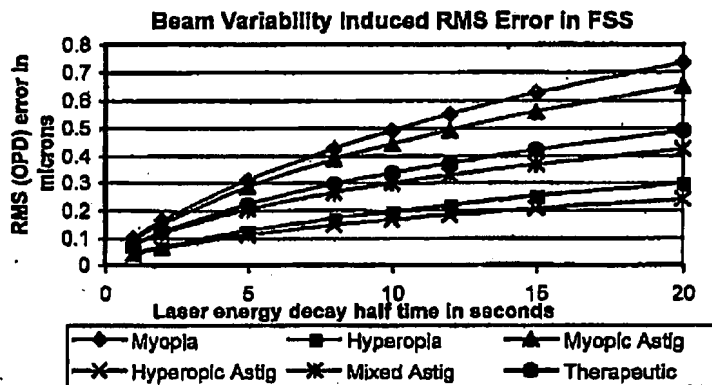


FIG. 18E

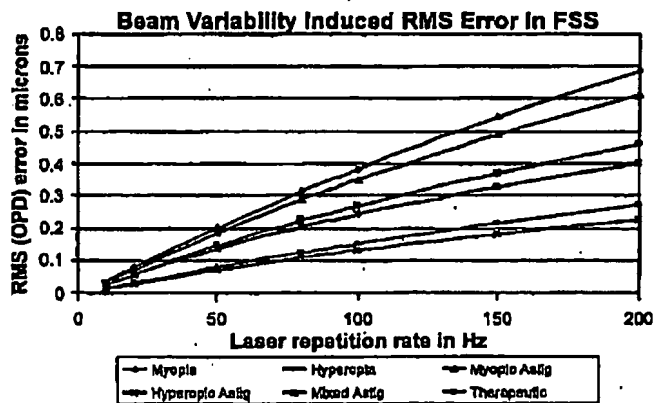


FIG. 18F

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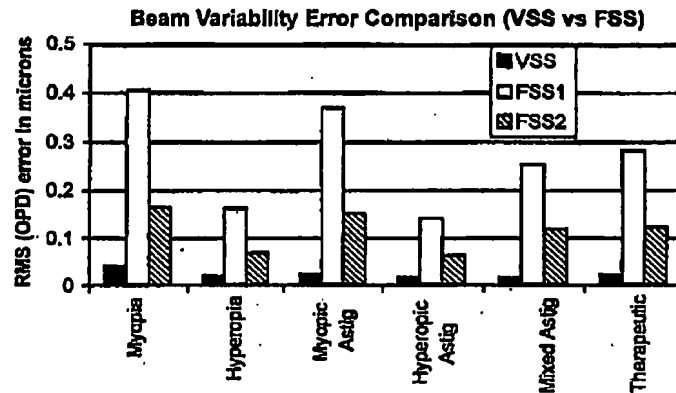


FIG. 19A

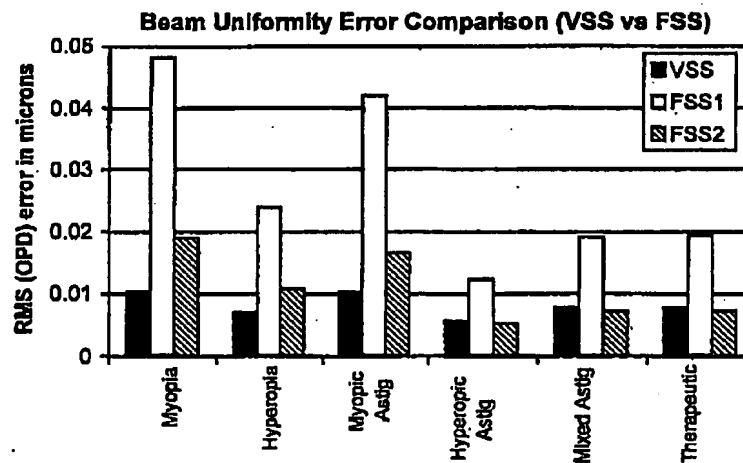


FIG. 19B

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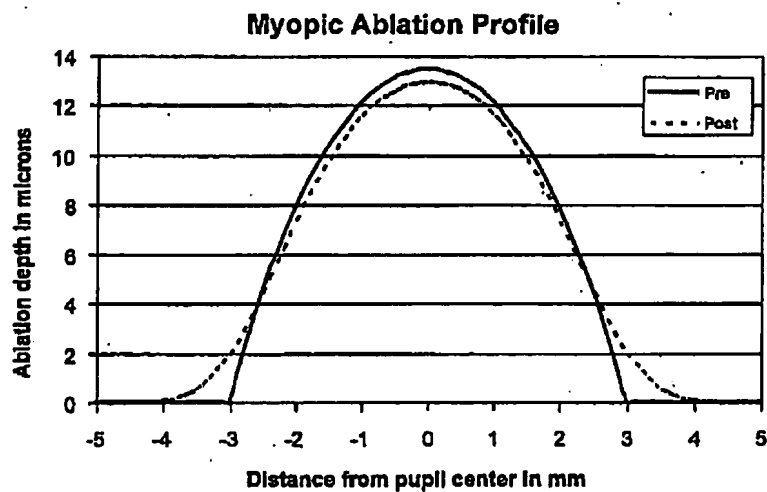


FIG. 20

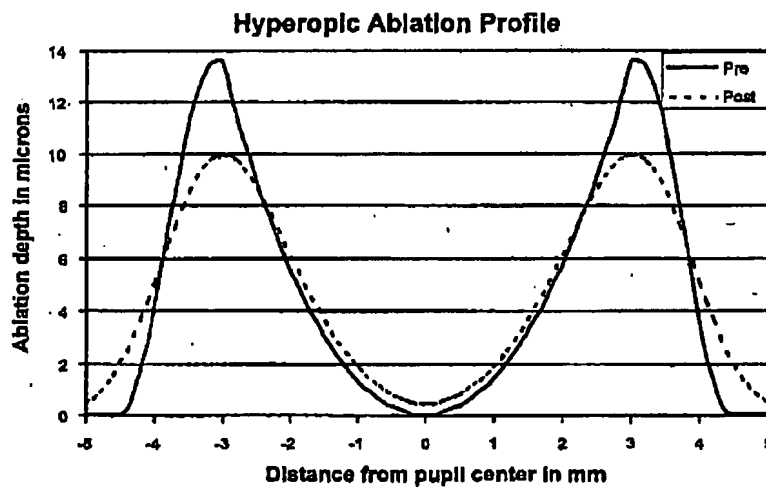


FIG. 21

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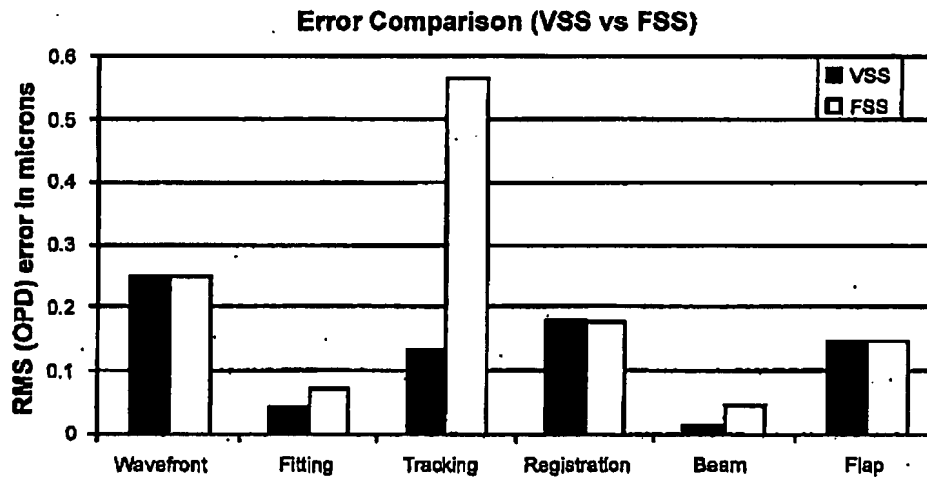


FIG. 22

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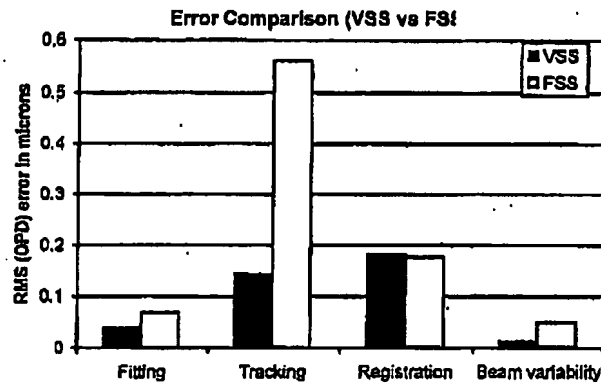


FIG. 23A

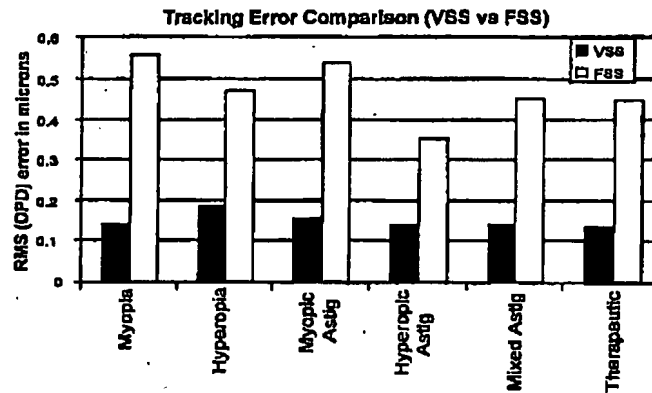


FIG. 23B